# ONE OLD AND TWO NEW SPECIES OF *PHYLLANTHUS* FROM NORTHWESTERN SOUTH AMERICA

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**Phyllanthus lacerilobus** sp. nov.

Frutex vel fruticulus ligneus. Ramis brunneis pube laxa brevissima rubescenti parcius indutis; stipulis 3: lateralibus 2 late triangularibus ca. 1.5 - 2 mm. magnis: centrali (revera, folio valde diminuto) graciliori. Ramis florigeris ad 15 cm. longis griseis vel brunnescentibus levibus, pube brevissima hic inde indutis, foliolis (revera, bracteis floralibus) utrinque 10-12, 1-2 cm. longis, 0.5 - 1 cm. latis, glabris, griseo-olivaceis, subconcoloribus, ellipticis, apice late acuminatis vel truncato-retusis apiculato-mucronatis, basi irregulariter cuneatis, venis gracilibus ca. 4-jugis, petiolo brevissimo basi stipulis triangulari-setaceis ad 2 mm. longis, 0.75 mm. latis fulto. Floribus in axillis stipularum setacearum ex ramorum summitate ortarum vulgo 3-5. Flore ♂: perianthio ca. 5 mm. lato, lobis 4 (-5), 2 mm. longis, 1.5 mm. latis margine lacero-fimbriatis; pedicello capillari ad 7 mm. longi, staminibus 4 in columna coalitis, glandulis 4 (-5) contiguis, margine labiatis. Flore ♀: perianthio ca. 8 mm. lato, lobis 6 ovato-laciniatis, fimbriatis ca. 3 mm. longis, 2 mm. latis, disco e glandulis 6 plicatim hippocrepicis, alternilobis, ovario glabro ca. 2 mm. magno, stylis 6 subulatis ca. 0.75 mm. longis, pedicello (saltem sub capsula) apice subalato-compresso, 6-7 mm. longo.

PERU: Loreto, Caballo Cocha, *Williams 2378* (TYPE).

A most peculiar plant, resembling in its floral characters the Far Eastern species of *Phyllanthus* subg. *Ericoccus*. May be looked for along the Putumayo River and, generally, in Amazonian Colombia.

**Phyllanthus Haughtii** sp. nov.

Arbuscula glaberrima ad 2 m. lata vel minor, ramis lignosis ad 3 mm. crassis, cortice pallide brunneo. Ramulis florigeris ad 15 cm. longis subcinereis, costatis, foliis utrinque ad 10 patentibus, inter se ca. 1 cm. distantibus, valde coriaceis, 0.5 - 2.5 cm. longis, ca. 0.4 - 0.7 cm. latis, inferioribus obovato-ellipticis apice plus minusve truncatis mucronulatis, superioribus elliptico-lanceolatis utrinque longiuscule acuminatis, petiolo vix 1 mm. longo, stipulis minutis triangularibus. Flore ♂: perianthio ca. 2-3 mm. lato, pedicello 2 mm. longo gracillimo, lobis 6 in serie duplici imbricativa, staminibus 3, antheris horizontaliter dehiscentibus, glandulis 3 discretis. Flore ♀: perianthio sub fructu ca. 3 mm. lato, lobis ut in ♂ dispositis, internis plus minusve obovatis, interdum sub apice leviter subtrilobis, externis late triangularibus vix 1.5 - 2 mm. longis, ca. 0.75 - 1 mm. latis, disco cupulari margine calloso-eroso, ovario glaberrimo, stylis brevibus adpressis subulato-cylindricis ad basem imam partitis, stigmatibus haud bilobis vix 1 mm. longis, semine more generis grosse trigono brunneo levi.

ECUADOR: Guayas, "Buenos Aires", 15 km. west of Pedro Carbo, *O. Haught 3042* (TYPE).

This plant is a lowland form, which may be looked for as far north as the coast of Nariño, in Colombia. Nothing like is recorded by Pax in his account of the Ecuadorean plants of Lehmann (in Engl. Bot. Jahrb. 26: 503. 1899), and the region of the type-locality was not visited by Humboldt and Bonpland, whose main itinerary in Ecuador ran almost due north to south between Ipiales (Colombia, on the Ecuadorean boundary) and Loja, through Otabalo, Quito, Riobamba and Cuenca. The very coriaceous leaves and the strict habit are reminiscent of the form of the genus from Asia and Oceania much sooner than of those of north-western South America.

**Phyllanthus popayanensis** Pax in Engl. Bot. Jahrb. 26: 503. 1899.

This species, omitted in my previous account of the group centering around *P. acuminatus* Vahl (in Caldasia II, 7: 130. 1943), is based upon *Lehmann 4708,* collected near Popayán, in virgin forests at 2000-2600 m. alt. It is said to be near *P. graveolens* HBK., but to be readily distinct on account of the free glands of the perianth. The character has questionable validity, and material from the type-locality is much needed to determine the status of this, and all other allied forms.